

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE/DESIGNATION AND SERIAL NO.

CONTRACT #100

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

JICARILLA APACHE

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

JICARILLA "D"

9. WELL NO.

11

10. FIELD AND POOL, OR WILDCAT
**TAPACITO PICTURED CLIFFS
BLANCO DEBAVERDE**

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

**SEC. 29, T-26N, R-3E
N.M.P.M.**

12. COUNTY OR PARISH

RIO ARriba

13. STATE
NEW MEXICO

1. OIL ☐ WELL GAS ☒ WELL ☒ OTHER

2. NAME OF OPERATOR

SOUTHERN UNION PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

Box 808, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

1190 FT. FROM THE NORTH LINE AND 1190 FT. FROM THE EAST LINE.

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

7155 FT. R.K.B.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☒

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

SUPPLEMENTARY HISTORY ☒

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. DRILLED 8-3/4" HOLE TO TOTAL DEPTH OF 4050 FT. R.K.B. RAN 132 JTS. OF 7", 23.0#, K-55 CASING. SET AT 4048 FT. R.K.B. BAKER STAGE COLLAR SET AT 1998 FT. R.K.B. CEMENTED 1ST STAGE W/500 CUBIC FEET OF CEMENT. PLUG DOWN 9:45 P.M. 10/30/72. CEMENTED 2ND STAGE W/600 CU. FT. OF CEMENT. PLUG DOWN 11:00 P.M. 10/30/72. NIPPLED UP AND PRESS. TEST 7" CASING AND B.O.P. TO 1000 PSI FOR 10 MINUTES. TEST OK.
2. GAS DRILLED 6-1/4" HOLE TO T.D. OF 5911 FT. ENCOUNTERED MOISTURE AT 5911 FT. MUDDED UP HOLE AND DRILLED TO TOTAL DEPTH OF 6065 FT. R.K.B. REACHED T.D. NOVEMBER 13, 1972.
3. RAN 66 JOINTS OF 4-1/2", 10.50#, K-55 CASING AS A LINER (2162 FT.) BOTTOM LINER SET AT 6050 FT. R.K.B. TOP SET AT 3888 FT. R.K.B. CEMENTED LINER W/500 CU. FT. OF CEMENT. PLUG DOWN 2:00 A.M. 11/14/72. LOST CIRCULATION WHILE DISPLACING CEMENT.
4. MOVED IN AND RIGGED UP COMPLETION UNIT NOVEMBER 21, 1972. CLEANED OUT TO P.B.T.D. OF 6045 FT. R.K.B.
5. RAN CEMENT BOND LOG. POOR CEMENT BOND INDICATED THRU PICTURED CLIFFS AND DEBAVERDE ZONES.
6. PERFORATED 2 SQUEEZE HOLES AT 5890 FT. R.K.B. SET 4-1/2" MODEL "K" CEMENT RETAINER AT 5740 FT. R.K.B. SQUEEZED HOLES AT 5890 FT. WITH 140 BAGS OF CEMENT. JOB COMPLETE AT 11:00 A.M. 11/23/72.
7. SET 7" FULL BORE PACKER AT 3724 FT. R.K.B. SQUEEZED TOP OF 4-1/2" LINER AT 3888 FT. R.K.B. W/100 BAGS OF CEMENT. JOB COMPLETE 2:00 P.M., 11/23/72.
8. PERFORATED 2 SQUEEZE HOLES IN 7" CASING AT 3770 FT. SQUEEZED HOLES W/200 BAGS CEMENT.
9. CLEANED OUT TO P.B.T.D. OF 6045 FT. R.K.B. PRESSURE TESTED 7" CASING AND 4-1/2" LINER TO 3000 PSI FOR 10 MINUTES. TESTED OK.

(OVER)

18. I hereby certify that the foregoing is true and correct

Original signed by

SIGNED **GILBERT D. NOLAND, JR.**

TITLE **DRILLING SUPERINTENDENT**

DATE **DECEMBER 12, 1972**

GILBERT D. NOLAND, JR.

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

DEC 13 1972

*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

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10. PERFORATED POINT LOOKOUT 1 SHOT/FT. 5942 - 5956, 5962-5980, 5986-6018 AND 6034-6024 FT. R.K.B. TOTAL OF 70 HOLES. SAND WATER FRAC PERFORATIONS W/100,000# SAND AND 100,000 GAL. WATER.
11. SET 4-1/2" BRIDGE PLUG AT 3940 FT. R.K.B.
12. PERFORATED PICTURED CLIFFS 1 SHOT/FT. FROM 3820-3840 FT. R.K.B. TOTAL OF 21 HOLES. SAND WATER FRAC PERFS. W/60,000# SAND AND 60,000 GAL. WATER.
13. CLEANED OUT TO P.B.T.D. OF 6045 FT. R.K.B.
14. SET 4-1/2" MODEL "D" BAKER PRODUCTION PACKER AT 5850 FT. R.K.B. RAN 177 JTS. OF 1-1/2", E.U.E., 2.90#, PCN-55 TUBING TO DAKOTA. LANDED IN MODEL "D" PACKER AT 5850 FT. R.K.B. SET 2.33" O.D. BAKER BLAST JOINTS ACROSS PICTURED CLIFFS PERFS FROM 3810 TO 3850 FT. R.K.B. RAN 115 JOINTS OF 1-1/2", 2.75#, PCN-55 INTEGRAL JOINT TUBING TO PICTURED CLIFFS. LANDED AT 3844 FT. R.K.B.
15. COMPLETED WELL NOVEMBER 30, 1972.